

APPENDIX A - Walsh Symbol Set for 64-Ary Modulation

APPENDIX B - Code Mask 00 Table

					11	1111	1111	2222	2222	2233	3333	3333	4444	4444	4455	5555	5555	6666
					8901	2345	6789	0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	1	0	1	0	0	1	0	1	0	1	0	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M	16	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0
m	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
d	18	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
u	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
l	20	1	1	0	0	1	1	0	0	1	1	1	0	0	1	1	1	1
a	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t	22	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
i	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
o	24	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0
n	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
S	26	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0
y	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
m	28	1	1	0	0	0	1	1	0	0	1	1	0	0	1	1	1	0
b	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
o	30	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0
I	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
l	32	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
I	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n	34	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
d	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	36	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	0
x	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
z	38	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
42	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	1	1	0	0	0	1	1	1	0	0	1	1	1	1	0	0	1	1
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	1	1	0	0	1	1	0	0	1	1	0	0	1	1	1	1	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	1	0	0	1	1	0	1	0	1	1	0	1	1	0	1	0	1	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
56	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	1	1	0	0	0	1	1	0	1	1	0	0	0	1	1	0	0	1
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
62	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Switch State per Walsh Chip Pair "01" within the Walsh Symbol																				
					11	1111	1111	2222	2222	2233	3333	3333	4444	4444	4455	4455	5555	5555	6666	
					8901	2345	6789	0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123		
					0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	1	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	1	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	1	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	1	0	1	0	0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	1	1	0	0	0	1	1	0	0	0	1	1	0	0	1	1	1	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	1	0	0	1	0	1	0	1	0	1	0	1	0	1	10	0	1	0	1	
M	o	d	d	u	19	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
I	a	t	i	o	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	y	m	b	o	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	n	d	e	x	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					33	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
					34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					35	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
					36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					37	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0
					38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					39	1	0	0	1	0	0	1	0	0	1	0	1	0	1	0
					40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					41	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1
					42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					43	1	0	1	0	1	0	1	0	1	0	1	0	1	1	0
					44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					45	1	1	0	0	0	1	1	0	0	1	1	1	0	0	1
					46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					47	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0
					48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					49	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
					50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					51	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
					52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					53	1	1	0	0	1	0	0	1	1	0	1	1	1	0	0
					54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					55	1	0	0	1	0	0	1	0	1	0	1	0	1	0	1
					56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					57	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0
					58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					59	1	0	0	1	0	1	0	1	0	0	1	0	1	0	1
					60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					61	1	1	0	0	0	1	1	1	0	0	1	1	0	0	1
					62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					63	1	0	0	1	0	1	0	1	0	0	1	0	0	1	0

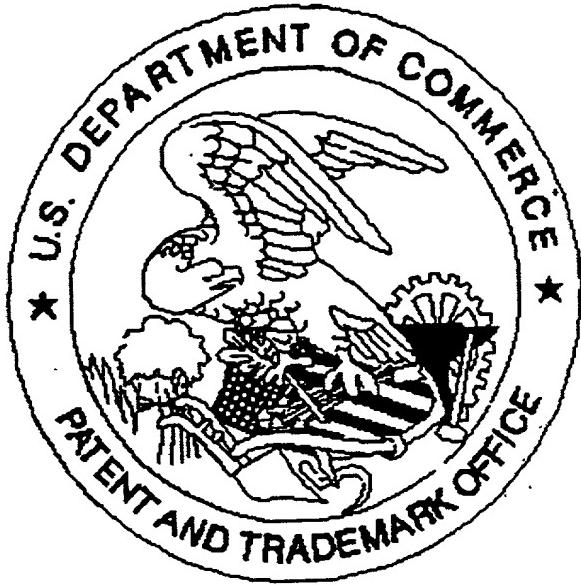
APPENDIX D - Code Mask 10 Table

					11	1111	1111	2222	2222	2233	3333	3333	4444	4444	4455	5555	5555	6666		
					0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	1	1	0	0	1	1	0	1	0	1	0	1	0	1	1	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	1	1	1	0	0	0	1	1	0	0	1	1	1	0	0	1	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	0	1	1	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
15	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
o	17	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	
d	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
u	19	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
l	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
a	21	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	
t	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i	23	0	1	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
o	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
n	25	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
S	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
y	27	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
m	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	29	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	
o	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I	31	0	1	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
n	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
n	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
d	35	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
e	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
x	37	0	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
39	0	1	0	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
41	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1	0	
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
47	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	0	1	0	1	
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
49	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
51	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
53	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
55	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
57	0	0	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
59	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
61	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	1	1	0	
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
63	0	1	1	0	1	0	0	1	1	0	1	0	1	0	1	1	0	1	0	

APPENDIX E - Code Mask 11 Table

					11	1111	2222	2222	2233	3333	4444	4444	4455	5555	5555	6666				
					0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123	4567	8901	2345	6789	0123
					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
					3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					4	0	0	1	1	0	0	1	1	0	0	1	1	0	1	
					5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					6	0	1	1	0	0	1	1	0	1	1	0	1	0	1	
					7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					8	0	0	0	0	1	1	0	0	1	1	1	1	0	1	
					9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					10	0	1	0	1	0	0	1	0	1	0	1	0	1	0	
					11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					12	0	0	1	1	1	0	0	1	1	1	0	0	1	1	
					13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					14	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
					15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
M	o	d	u		16	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1
a	t	i			17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
o	n				18	0	1	0	1	0	1	0	1	0	0	1	0	1	0	
l					19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
a					20	0	0	1	1	0	0	1	1	0	0	1	1	0	0	
t					21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i					22	0	1	1	0	0	1	0	0	1	0	1	0	1	0	
o	m	b			23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
n					24	0	0	0	1	1	1	1	0	0	0	1	1	1	0	
S	y				25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
m					26	0	1	0	1	0	0	1	0	0	1	0	1	0	1	
b					27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
o					28	0	0	1	1	1	0	0	0	1	1	1	0	0	1	
l					29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I					30	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
n					31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	e	x			32	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
					33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					34	0	1	0	1	0	1	0	1	0	1	0	1	0	1	
					35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					36	0	0	1	0	0	1	0	0	1	1	0	0	1	0	
					37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					38	0	1	1	0	0	1	0	0	1	0	1	0	1	0	
					39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					40	0	0	0	1	1	0	0	0	1	1	1	0	0	0	
					41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					42	0	1	0	1	0	0	1	0	1	0	0	1	0	1	
					43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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					47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					48	0	0	0	0	0	1	1	1	1	1	1	0	0	0	
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					59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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					61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					62	0	1	0	1	0	0	1	0	1	0	1	0	1	0	
					63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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